

Topic	Speaker	Time
<b>Summarize Each NASA Center Test Standards (including philosophy on the example test case)</b>	(Below)	
	GSFC - Mosier	25-min
	JSC - ???	25-min
	JPL - Tsuyuki	25-min
	LaRC - ???	25-min
↓	MSFC - Sharp	25-min
<b>BREAK</b>		10-min
<b>NASA-wide Test Standard/Handbook</b> <ul style="list-style-type: none"> <li>From discussion, catalog/summarize areas of consensus by community.</li> <li>Discuss a process that could follow-on to TFAWS to update NASA-STD-7002 or other existing NASA-wide standard (or create new Handbook).</li> </ul>	All	30-min
<b>Thermal Test Discussion Seed Topics (until Time Ends)</b>		75-min
<b>Scope of thermal testing</b> <ul style="list-style-type: none"> <li>Discuss purpose of thermal test program (workmanship screening, verification of design at temperature extremes?, “Simulate versus Stimulate”. Qualification versus Acceptance/Protoflight.)</li> </ul>	All	
<b>Test Temperature Level Determination</b> <ul style="list-style-type: none"> <li>Discuss how temperature limits, margins and tolerances are determined for thermal testing at component &amp; system level.</li> <li>Passive vs. Active Margin</li> <li>Thermal Balance Correlated model margin vs. non-TBT margin</li> <li>Includes Minimum Sweep?</li> <li>Difference in Qual/Acceptance</li> <li>Difference in component versus subsystem versus system</li> </ul>	All	
<b>Temperature Cycling</b> <ul style="list-style-type: none"> <li>Number of Cycles – component, subsystem &amp; system level?</li> <li>Discuss general guidance for making this determination. Obvious exceptions to general approach (deep space missions, other)</li> </ul>	All	
<b>Vacuum vs Ambient Pressure Cycling &amp; Ramp Rates</b> <ul style="list-style-type: none"> <li>Discuss merits of each type of testing on workmanship screening. Recommendations for either/or or both approaches combined.</li> </ul>	All	

<ul style="list-style-type: none"> <li>• Significant of ramp rates during temperature transitions</li> </ul>		
<b>Dwell Time and Stability Criteria</b> <ul style="list-style-type: none"> <li>• Discuss rationale for determining dwell times during cycling and the stability criteria during the dwell.</li> <li>• Component vs. System</li> </ul>	All	
<b>Thermal Balance Testing</b> <ul style="list-style-type: none"> <li>• Dwell &amp; Stability Criteria</li> <li>• Steady-State Only or Include transient effects for correlating thermal capacitance calcs?</li> <li>• Instrumentation – breakout boxes for per-unit dissipation determination; thermo-couple/thermistor locations and quantities</li> </ul>	All	